

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

Attorney's Docket No 3722-0186PUS1

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

PHASE FREQUENCY DETECTOR USED IN PHASE LOCKED LOOP

the specification of which is attached hereto. If not attached hereto, the specification is identified by the attorney docket number as set forth above and/or the following:

the specification was filed on _____ as
United States Application Number _____;
and amended on _____ (if applicable); and/or
the specification was filed on _____ as PCT
International Application Number _____; and was
amended on _____ (if applicable)

I hereby state that I have reviewed and understood the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, CFR § 1.56.

I do not know and do not believe the same was ever known or used in the United States of America before my or out invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (six month for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)			PRIORITY CLAIMED	
Number	Country	Month / Day / Year Filed	Yes	No
092108023	Taiwan	4 / 8 / 2003	X	

I hereby claim the benefit under 35, United States code, §119(e) of any United States provisional application(s) listed below.

Application Serial No.	Filing Date

All Foreign Applications, if any, for any Patent or Inventor's certificate Filed more than 12 months (6 months for design) Prior to the Filing Date of this Application:

Country	Application Number	Date of Filing(Month/Day/Year)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) and/or PCT application(s), including for continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Number	Filing Date (Month/Day/Year)	Status - patented, pending, abandoned

I hereby appoint the practitioners at **CUSTOMER NO. 02292** as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity two first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence To:

Birch, Stewart, Kolasch & Birch, LLP or CUSTOMER NO. 02292

8110 GATEHOUSE ROAD, SUITE 500 EAST, FALLS CHURCH, VA 22042-1210, U.S.A.

Telephone: (703) 205-8000 Facsimile: (703) 205-8050

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon

First Joint Inventor	YU-PIN CHIOU		
Inventor's Signature	Yu-Pin Chou	DATE	2004/3/24
Residence	MIAO LI COUNTY	Citizenship	TAIWAN, R.O.C.
Post Office Address	NO. 275, 22 LIN PING HSIN SEC. RD., PING UAN LI, TUNG HSIAO TOWN, MIAO LI COUNTY, TAIWAN, R.O.C.		

Second Joint Inventor	YI-SHU CHANG		
Inventor's Signature	Yi-Shu Chang	DATE	2004/3/24
Residence	TAI NAN CITY	Citizenship	TAIWAN, R.O.C.
Post Office Address	NO. 14, LANE 61, CHENG HSING STREET, TAI NAN CITY, TAIWAN, R.O.C.		